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Titolo	Handbook of engineering acoustics // Gerhard Muller, Michael Moser, editors
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ISBN	1-283-84925-9 3-540-69460-9
Descrizione fisica	1 online resource (703 p.)
Altri autori (Persone)	MullerGerhard MoserMichael
Disciplina	620.2 620.21
Soggetti	Acoustical engineering Noise control
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Fundamentals -- Acoustic Measurements -- Numerical Acoustics -- The Effects of Sound on Humans -- Noise Immission Assessment -- Noise Emission Assessment -- Sound propagation in the Open Space -- Building Acoustics -- Sound Absorption -- Structure Borne Sound -- Room Acoustics -- Silencers -- Active Noise and Vibration Control -- Noise caused by Construction Work -- Sound Sources -- Traffic Noise -- Road -- Traffic Noise and Vibrations -- Railway -- Traffic Noise -- Aircraft -- Sound Reinforcement Techniques -- Urban Noise Protection -- Flow-Induced Noise -- Ultrasound -- Vibrations -- Index.
Sommario/riassunto	This book examines the physical background of engineering acoustics, focusing on empirically obtained engineering experience as well as on measurement techniques and engineering methods for prognostics. Its goal is not only to describe the state of art of engineering acoustics but also to give practical help to engineers in order to solve acoustic problems. It deals with the origin, the transmission and the methods of the abating different kinds of air-borne and structure-borne sounds caused by various mechanisms – from traffic to machinery and flow-induced sound. In addition the modern aspects of room and building acoustics, as well as psychoacoustics and active noise control, are

covered.
